BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

Package-03 1. Improvements to Roads and Drains of Sahakaranagar A,E,F,G Blocks and Surrounding areas in Ward No. 07 Byatarayanapura 2. Improvements to Roads and Drains of Byregowda Layout and other Surrounding areas in Ward No. 07 Byatarayanapura 3. Improvements to roads and drains at UAS Layout in Ward No.07

SNo	Estimate Quantity	Item Name	Unit	Rates quoted by Sri. HONNAPPA MURTHY	
				Rate in figures	Rate in words
1	1335.60	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification.	Cum	202.92	Rupees Two Hundred Two And Paise Ninety Two Only
2	3676.31	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm	80.56	Rupees Eighty And Paise Fifty Six Only
3	963.49	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick	Sqm	665.68	Rupees Six Hundred Sixty Five And Paise Sixty Eight Only
4	262.68	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	5348.76	Rupees Five Thousand Three Hundred Forty Eight And Paise Seventy Six Only
5	875.60	Providing and Constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton/sqm with cement mortor 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40X15X20 cms confirming to I.S:2185/1965 in superstructure including cost of materials, labor charges, scaffolding, curing complete as per specifications	Sqm	961.42	Rupees Nine Hundred Sixty One And Paise Forty Two Only
6	453.12	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications.	Cum	4438.22	Rupees Four Thousand Four Hundred Thirty Eight And Paise Twenty Two Only
7	1006.94	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	102.82	Rupees One Hundred Two And Paise Eighty Two Only

Contractor

Executive Engineer
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	Estimate Quantity	Item Name	Unit	Rates quoted by Sri. HONNAPPA MURTHY	
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8	197.01	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	5767.46	Rupees Five Thousand Seven Hundred Sixty Seven And Paise Forty Six Only
9	1068.00	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm	1738.00	Rupees One Thousand Seven Hundred Thirty Eight Only
10	2836.08	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick	Sqm	825.74	Rupees Eight Hundred Twenty Five And Paise Seventy Four Only
11	18878.40	Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded)	m	37.10	Rupees Thirty Seven And Paise Ten Only
12	1237.25	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications.	Cum	164.76	Rupees One Hundred Sixty Four And Paise Seventy Six Only
13	1237.25	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications.	Cum	1768.08	Rupees One Thousand Seven Hundred Sixty Eight And Paise Eight Only
14	4949.00	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications.	Sqm	27.56	Rupees Twenty Seven And Paise Fifty Six Only
15	10282.75	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	3.18	Rupees Three And Paise Eighteen Only
16	15231.75	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	12.72	Rupees Twelve And Paise Seventy Two Only

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17	609.27	Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications.	Cum	8118.54	Rupees Eight Thousand One Hundred Eighteen And Paise Fifty Four Only
18	535.50	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	542.72	Rupees Five Hundred Forty Two And Paise Seventy Two Only

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22/2/19